



United States Steel Corporation
Clairton Works
400 State Street
Clairton, PA 15025-1855

September 24, 2004, 2004

Project No. AC0125

Jim Thompson
Allegheny County Health Department
Bureau of Air Pollution Control
301 39th Street
Pittsburgh, Pennsylvania 15201

RE: Semi-Annual Report as Required by 40 CFR, Part 61, §61.138 of Subpart L and 40 CFR, Part 61, §61.247 of Subpart V for the Reporting Period of January 2004 through June 2004

Dear Jim:

This report is being sent to the Department as a statement that the U.S. Steel Corporation, Clairton Works has fulfilled all provisions of 40 Code of Federal Regulations (CFR), Part 61, Subparts L and V for the reporting period of January 2004 through June 2004. The report has been prepared to meet the reporting requirements of 40 CFR, Part 61, §61.138 and 40 CFR, Part 61, §61.247.

Monthly audits of equipment in benzene service as defined in 40 CFR, Part 61, Subpart L and V have been conducted in accordance with Environmental Protection Agency (EPA) Reference Method 21, "*Determination of Volatile Organic Compound Leaks*." Results of these monitoring events, including total components monitored and total leaking components identified, can be found in Table I. No leaks to any of the components were left un-repaired, and all leaks were fixed in the mandated 5/15 day period. Clairton Works does not have any valves subject to the alternative standards of 61-243-1 or 61-243-2.

An audit of gas blanketing vessels was conducted on March 25 and 26, 2004. Ten (10) leaks were discovered. Six (6) were at the Flushing Liquor Decanters, one (1) was at the #8 Tar Tank, one (1) was at the #7 Tar Tank, and two (2) were at the #3 Surge Tank. No abnormalities in the blanketing systems were found. The leaks were repaired within five days of its discovery, and rechecked on April 9, 2004. All repairs were verified by re-screening procedures identified in Method 21.

No changes have been made to the system since the last reporting period.

If you should have any questions or comments, please call me at your convenience at (412) 233-1015.

US STEEL CORPORATION

Coleen M. Davis
Senior Environmental Control Engineer

cc: Jim Hagedorn—USEPA Region III

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Table 1.

Summary of Total Equipment Monitored and Leaks Detected, Equipment in Benzene Service,
January 2004 through June 2004, USS Clairton Works, Clairton, Pennsylvania

Monitoring Dates		Jan. 15 th /16 th	Feb 5 th	Mar 25 th /26 th	Apr 7 th /8 th /23 rd	May 18 th	Jun 18 th
Valves	Components Monitored	2062	4	4	2062	7	7
	Leaks Detected	4	0	0	7	0	0
	Components Not Repaired in 5/15 Period	0	0	0	0	0	0
	Components Requiring Delay of Repair	0	0	0	0	0	0
Pumps	Components Monitored	18	18	18	18	18	18
	Leaks Detected	0	0	0	0	0	0
	Components Not Repaired in 5/15 Period	0	0	0	0	0	0
	Components Requiring Delay of Repair	0	0	0	0	0	0
Exhausters	Components Monitored	34	0	0	34	0	0
	Leaks Detected	0	0	0	0	0	0
	Components Not Repaired in 5/15 Period	0	0	0	0	0	0
	Components Requiring Delay of Repair	0	0	0	0	0	0